

Converting Colors

YUV(196.4800, -31.2956,
51.3220)

Have a look what the booklet for
YUV(196.4800, -31.2956, 51.3220)
contains.

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Color

**YUV(196.4800, -31.2956,
51.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB385
RGB	255, 179, 133
RGB Percent	100%, 70%, 52%
CMY	0.0000, 0.2980, 0.4784
CMYK	0.00, 0.30, 0.48, 0.00
HSL	23°, 100%, 76%
HSV	23°, 48%, 100%
XYZ	61.5937, 55.1937, 29.5974
YIQ	196.4800, 60.0620, 1.8060

Conversions

Conversions Part 2

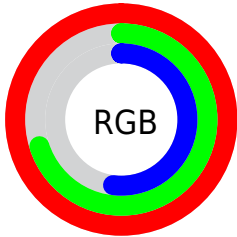
Format	Color
R _Y B	255, 207, 133
Decimal	16757637
CIE Lab	79.15, 22.54, 34.50
CIE LCh	79, 41.211, 56.840
Yxy	55.1937, 0.4208, 0.3770
Android (android.graphics.Color)	4294947717 (0xFFFFB385)
YUV	196.4800, -31.2956, 51.3220
Hunter-Lab	74.2924, 17.9775, 28.3841

Details

The YUV color $196.4800, -31.2956, 51.3220$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $191.5200, 31.2956, -51.3220$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.5080, -23.9144, 17.0945$, and $141.7290, -28.9534, 46.7187$ is the 20% darker color. If you saturate the color by 10%, you get $184.2380, -37.5853, 62.0583$, and if you desaturate by 10%, it is $208.8360, -24.5691, 40.4858$.

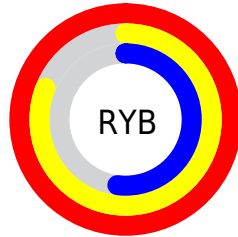
Distribution



Red (100%)

Green (70%)

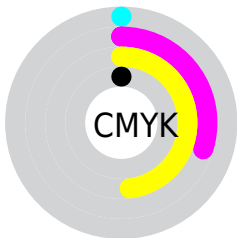
Blue (52%)



Red (100%)

Yellow (81%)

Blue (52%)

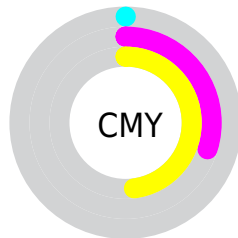


Cyan (0%)

Magenta (30%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4800, -31.2956, 51.3220 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 196.4800, -31.2956, 51.3220 by changing the saturation by 10% instead.

196.4800,
-31.2956, 51.3220

196.4800,
-31.2956, 51.3220

255.0000, 0.0000,
0.0000

168.6970,
-30.4166, 49.3777

235.5080,
-23.9144, 17.0945

141.7290,
-28.9534, 46.7187

250.4400,
-17.4719, 3.9991

115.6470,
-27.9270, 44.1596

253.6320, -5.2416,
1.1997

89.9780, -26.6112,
42.1153

65.4830, -25.8741,
39.0414

43.0140, -21.2059,
35.0677

21.4400, -10.5699,

30.3091

■ 9.9810, -4.4276,
20.1877

■ 0.0000, 0.0000,
0.0000

■ 196.4800,
-31.2956, 51.3220

■ 196.4800,
-31.2956, 51.3220

■ 184.2380,
-37.5853, 62.0583

■ 208.8360,
-24.5691, 40.4858

■ 171.8820,
-44.3118, 72.8945

■ 221.0780,
-18.2795, 29.7496

■ 159.6400,
-50.6015, 83.6307

■ 233.4340,
-11.5530, 18.9134

■ 147.2840,
-57.3280, 94.4669

■ 245.6760, -5.2633,
8.1771

■ 135.6290, 255.0000, 0.0000,
-63.9071, 104.6884 0.0000

■ 132.5970,
-65.3703, 107.3474

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194.0300, -15.2978, 53.4707



196.4800, -31.2956, 51.3220



193.5450, -36.7507, 27.5860

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196.4800, -31.2956, 51.3220



175.3620, 7.2165, -74.8625



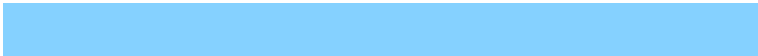
197.7310, 28.2336, -2.3951

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



196.4800, -31.2956, 51.3220



191.5200, 31.2956, -51.3220

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



187.1230, 33.4634, -46.5889



196.4800, -31.2956, 51.3220



164.5590, 31.7694, -110.1152

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196.4800, -31.2956, 51.3220



184.0450, -15.3052, -37.7505



172.6610, 40.5931, -93.5417



201.4430, 18.5156, 34.6915

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



196.4800, -31.2956, 51.3220



191.5810, -34.7964, 7.3835



172.6610, 40.5931, -93.5417



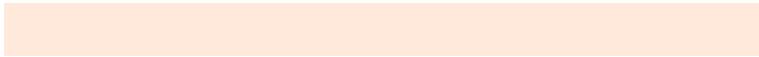
194.3980, 29.8768, -16.1350

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



196.4800, -31.2956, 51.3220



237.9820, -9.3581, 14.9248



178.2560, 15.6498, 67.3045



117.2740, -5.5581, 9.4067



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



196.4800, -31.2956, 51.3220



185.0530, -37.0011, 61.3435



231.7000, -48.6591, 20.4341



121.8220, -3.3632, 5.4181



99.3730, -48.9909, 80.3569



33.2240, -16.3794, 26.9906

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



191.5200, 31.2956, -51.3220



179.3600, 37.2905, -60.8287



156.3000, 48.6591, -20.4341



121.1780, 3.3632, -5.4181



91.6270, 48.9909, -80.3569



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 196.4800, -31.2956, 51.3220 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 196.4800, -31.2956, 51.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

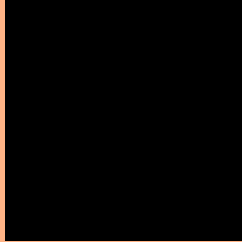
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.4800, -31.2956, 51.3220 Background



This preview shows how black text looks on a background with the YUV color 196.4800, -31.2956, 51.3220.



This preview shows how white text looks on a background with the YUV color 196.4800, -31.2956, 51.3220.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

196.4800, -31.2956, 51.3220

Protanopia

194.4000, -26.8192, 15.4352

Deuteranopia

195.5550, -31.8256, 34.5933



Tritanopia

199.5870, -6.6984, 48.5972

Trichromacy



Original Color

196.4800, -31.2956, 51.3220

Protanomaly

195.3200, -28.7518, 28.6604

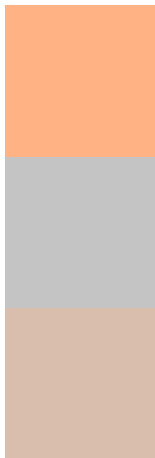
Deuteranomaly

196.0010, -31.5525, 40.3411

Tritanomaly

198.5950, -15.5763, 49.4672

Monochromacy



Original Color

196.4800, -31.2956, 51.3220

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1350, -11.4056, 18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4800, -31.2956, 51.3220 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 179, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 133)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 179, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 133) }
```

Border

The CSS property to change the border of an element to YUV 196.4800, -31.2956, 51.3220 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 179, 133) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 179, 133) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 179, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 196.4800, -31.2956, 51.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 133) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
179, 133) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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